

Project Title	Funding	Strategic Plan Objective	Institution
CIHR Chair: Autism Spectrum Disorders Treatment and Care Research	\$15,000	Q4.Other	York University
Improved early detection of autism using novel statistical methodology	\$52,966	Q1.L.B	Yale University
Near-infrared spectroscopy studies of early neural signatures of autism	\$149,977	Q2.L.B	Yale University
Brain electrophysiology of interactive social stimuli	\$54,459	Q2.Other	Yale University
World Health Organization Collaboration	\$400,000	Q7.Other	World Health Organization
Attention & word learning in children with ASD- Translating experimental findings into intervention	\$53,500	Q2.Other	Women & Infants Hospital
High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	\$56,000	Q2.Other	Weill Cornell Medical College
Behavioral and neural underpinnings of learning in autism predict response to intervention	\$50,000	Q4.S.F	Weill Cornell Medical College
Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	\$56,900	Q2.Other	Washington University in St. Louis
Transitioning Together: An intervention program for adolescents with ASD and their families	\$0	Q5.Other	Waisman Center
Quality of Life During Midlife in Adults with ASD: Supplement on Dementia	\$44,589	Q6.Other	Waisman Center
Quality of life during midlife in adults with ASD	\$149,999	Q6.S.A	Waisman Center
Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	\$150,000	Q2.S.E	Vanderbilt University
Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	\$28,600	Q4.S.B	Vanderbilt University
Autism Treatment Network (ATN) 2011- Vanderbilt University	\$140,000	Q7.N	Vanderbilt University
Macrocephalic autism: Exploring and exploiting the role of PTEN	\$0	Q2.Other	University of Wisconsin - Madison
Social processing, language, and executive functioning in twin pairs: Electrophysiological and behavioral endophenotypes	\$0	Q2.S.G	University of Washington
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$256,981	Q4.S.D	University of Washington
20-year outcome of autism	\$0	Q2.L.A	University of Utah
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$58,900	Q4.S.B	University of Texas Southwestern Medical Center
Temporally controlled genetic rescue of Shank3 autism model	\$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$0	Q3.S.B	University of Texas Health Science Center at San Antonio
Factors influencing early associative learning as a precursor to social behavior heterogeneity	\$54,500	Q2.S.G	University of Southern California

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Perinatal exposure to airborne pollutants and associations with autism phenotype	\$149,737	Q3.S.C	University of Southern California
Autism Treatment Network (ATN) 2011- University of Rochester	\$140,000	Q7.N	University of Rochester
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Stress as a Predictor of Outcomes for Adults with Autism Spectrum Disorders	\$29,500	Q6.Other	University of Pittsburgh
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$140,000	Q7.N	University of Pittsburgh
Increasing ASD screening and referral among NYC's Korean Americans	\$79,680	Q5.L.A	University of Pennsylvania
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$143,728	Q2.Other	University of Oxford
Anti-Neuronal Autoantibodies in PANDAS and Autism Spectrum Disorders	\$100,000	Q2.S.A	University of Oklahoma Health Sciences Center
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$0	Q2.Other	University of North Carolina at Chapel Hill
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	\$58,000	Q2.S.D	University of North Carolina at Chapel Hill
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	\$60,000	Q2.S.D	University of North Carolina at Chapel Hill
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$50,600	Q4.S.B	University of North Carolina at Chapel Hill
Early intervention professional development: Evidenced-based practices and program quality	\$200,000	Q5.L.A	University of North Carolina at Chapel Hill
A Longitudinal EEG Study of Infants at Risk for Autism: Network Capacity Building (Phase I)	\$359,738	Q1.L.A	University of North Carolina
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$137,090	Q1.S.B	University of North Carolina
ASD in Mid-Adulthood: A 40 Year Follow-Up of Individuals Served by the TEACCH Autism Program	\$149,995	Q6.L.B	University of North Carolina
Autism Treatment Network (ATN) 2011- University of Missouri	\$136,664	Q7.N	University of Missouri
Early intervention in an underserved population	\$85,420	Q4.L.D	University of Michigan
Dissemination of multi-stage screening to underserved culturally-diverse families	\$0	Q1.S.C	University of Massachusetts, Boston
PASS: Parent-mediated intervention for autism spectrum disorders (ASD) in South Asia	\$149,916	Q4.S.D	University of Liverpool
Physiological studies in a human stem cell model of 15q duplication syndrome	\$60,000	Q2.S.D	University of Connecticut

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Embodied rhythm interventions for children with autism spectrum disorders	\$60,000	Q4.S.C	University of Connecticut
Screening, diagnosis and parent training for young children with ASD in Albania	\$99,948	Q5.L.A	University of Connecticut
Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	\$58,000	Q2.Other	University of Colorado Denver
Salivary melatonin as a biomarker for response to sleep interventions in children with autism	\$0	Q2.S.E	University of Colorado Denver
Improving educational identification in rural communities	\$100,000	Q5.L.C	University of Colorado Denver
Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	\$29,500	Q2.L.B	University of California, Santa Barbara
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$53,000	Q2.Other	University of California, San Francisco
Deciphering the function and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$60,000	Q2.Other	University of California, San Francisco
Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$28,580	Q2.Other	University of California, San Diego
Electrophysiologic biomarkers of language function in autism spectrum disorders	\$28,600	Q2.L.B	University of California, Los Angeles
Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	\$54,400	Q2.Other	University of California, Los Angeles
Genome-wide expression profiling data analysis to study autism genetic models	\$0	Q3.S.A	University of California, Los Angeles
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$288,364	Q4.L.D	University of California, Los Angeles
Cognitive behavioral therapy for core autism symptoms in school-age children	\$150,000	Q4.L.D	University of California, Los Angeles
Anxiety treatment for children with autism and intellectual disability	\$27,460	Q4.S.A	University of California, Los Angeles
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$60,000	Q4.S.B	University of California, Los Angeles
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	\$150,000	Q4.S.C	University of California, Los Angeles
A Centralized Standard Database for the Baby Siblings Research Consortium	\$117,851	Q1.L.A	University of California, Davis
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	\$150,000	Q1.S.B	University of California, Davis
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	\$28,600	Q2.S.A	University of California, Davis
UC Davis Center for Children's Environmental Health (CCEH) Bridge	\$0	Q3.S.F	University of California, Davis

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Gestational exposure questionnaire validation and feasibility study	\$20,262	Q3.S.H	University of California, Davis
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis
Training Community Providers to Implement an Evidence-Based Early Intervention Program	\$149,569	Q4.Other	University of California, Davis
Preclinical Autism Consortium for Therapeutics (PACT)	\$200,894	Q4.S.B	University of California, Davis
Preclinical Autism Consortium for Therapeutics	\$94,331	Q4.S.B	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$253,534	Q4.S.D	University of California, Davis
Economic burden of current and future autism	\$60,000	Q6.L.D	University of California, Davis
Examining vocational services for adults with autism	\$59,755	Q6.S.A	University of Calgary
Autism Treatment Network (ATN) 2011- Arkansas	\$113,436	Q7.N	University of Arkansas for Medical Sciences
Genomic influences on development and outcomes in Infants at risk of ASD	\$337,779	Q3.S.A	University of Alberta
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$149,882	Q3.S.A	University of Alberta
Autism Treatment Network (ATN) 2011- Glenrose Rehabilitation Hospital	\$139,002	Q7.N	University of Alberta
A stem cell based platform for identification of common defects in autism spectrum disorders	\$0	Q2.S.D	The Scripps Research Institute - California
Increasing autism awareness in Ethiopia: The HEAT+ project	\$99,750	Q5.L.A	The Open University
Identifying genetic variants on the Y chromosome of males with autism	\$53,430	Q3.L.B	The Hospital for Sick Children
Examining the Y-chromosome in autism spectrum disorder	\$0	Q3.L.B	The Hospital for Sick Children
Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$0	Q3.L.B	The Hospital for Sick Children
Emergent communication skills of nonverbal children with autism facilitated by relational responding	\$57,996	Q4.S.G	Swansea University
Folate receptor autoimmunity in Autism Spectrum Disorders	\$149,755	Q2.S.A	State University of New York, Downstate Medical Center
Imaging-based real-time feedback to enhance therapeutic intervention in ASD	\$59,825	Q2.L.B	Stanford University
Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$55,200	Q2.Other	Stanford University
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	\$0	Q4.L.A	Stanford University

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Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$53,600	Q4.L.A	Stanford University
Social reward in autism: Electrophysiological, behavioral, and clinical correlates	\$51,400	Q2.Other	Seattle Childrens Hospital
Autism Biomarker Discovery Program	\$1,999,984	Q2.L.B	Seaside Therapeutics
Thalamocortical connectivity in children and adolescents with ASD-A combined fMRI and DTI approach	\$28,600	Q2.Other	San Diego State University
Hybrid social communication intervention for children with ASD: Sibling mediation and video modeling	\$59,997	Q4.Other	Portland State University
Autism Treatment Network (ATN) 2011- OHSU	\$140,000	Q7.N	Oregon Health & Science University
Pragmatic language and social-emotional processing in autism, fragile X, and the FMR1 premutation	\$29,474	Q2.S.D	Northwestern University
Spatial attention in autism spectrum disorders	\$0	Q2.Other	New York University
Autism Treatment Network (ATN) 2011- Nationwide Children's Hospital	\$140,000	Q7.N	Nationwide Children's Hospital
Probing the Molecular Mechanisms Underlying Autism: Examination of Dysregulated Protein Synthesis	\$49,300	Q2.S.D	National Institute of Mental Health (NIH)
ASD prevalence by DSM-IV and DSM-5: Total population study	\$0	Q1.Other	Nathan Kline Institute
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$137,173	Q4.S.B	Mount Sinai School of Medicine
Effectiveness of reciprocal imitation training for adolescents with low-functioning autism	\$0	Q4.L.D	Michigan State University
Using an internet-based program to teach a naturalistic intervention to parents of children with ASD	\$0	Q5.L.C	Michigan State University
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	\$56,606	Q1.Other	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring Network augmentation with screening and assessment	\$262,621	Q7.I	Medical University of South Carolina
Classifying autism etiology by expression networks in neural progenitors and differentiating neurons	\$149,999	Q2.Other	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011 - MGH Clinical Coordinating Center	\$445,000	Q7.N	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011- MGH/LADDERS	\$140,000	Q7.N	Massachusetts General Hospital
Estimating the economic costs of autism	\$0	Q6.L.D	London School of Economics
In-vivo MRS assay of brain glutamate-GABA balance and drug response in autism	\$58,561	Q2.L.B	King's College London
Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	\$149,999	Q2.S.D	King's College London

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Why do people with autism spectrum disorders fare so differently in adult life?	\$146,546	Q6.S.A	King's College London
EU-AIMS	\$130,188	Q7.C	King's College London
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	\$124,998	Q1.S.A	Kennedy Krieger Institute
Understanding the brain basis of impaired imitation learning in autism	\$56,900	Q2.Other	Kennedy Krieger Institute
Effects of self-generated experiences on social cognitive development in young children with autism	\$149,997	Q4.S.F	Kennedy Krieger Institute
Autism Treatment Network (ATN) 2011- KKI	\$25,000	Q7.N	Kennedy Krieger Institute
Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	\$150,000	Q3.S.C	Kaiser Permanente
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$149,999	Q3.S.E	Kaiser Foundation Research Institute
GABAergic dysfunction in autism	\$50,000	Q2.Other	Johns Hopkins University
Why are autistic females rare and severe? An approach to autism gene identification.	\$28,600	Q2.S.B	Johns Hopkins University
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$0	Q3.L.D	Johns Hopkins University
Parental Exposures to Occupational Asthmagens and Risk of Autism Spectrum Disorders	\$29,500	Q3.S.H	Johns Hopkins University
Genome-wide examination of DNA methylation in autism	\$149,999	Q3.S.J	Johns Hopkins University
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	\$100,000	Q4.S.D	Johns Hopkins University
Investigation of Transgenerational Neurodevelopmental Impacts of Gestational Pharmaceuticals	\$100,000	Q3.S.H	Institute of Preventive Medicine at Frederiksberg Hospital
Biomarkers and diagnostics for ASD	\$0	Q1.S.A	Institute of Biotechnology
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders	\$99,971	Q4.L.C	Indiana University
Early-Stage Visual Processing in ASD: Neurophysiological Biomarkers Using Visual Evoked Potentials	\$49,264	Q1.L.B	Icahn School of Medicine at Mount Sinai
Interactive Autism Network-Core Activities	\$100,000	Q7.Other	Hugo W. Moser Research at Kennedy Krieger, Inc.
A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism	\$0	Q4.L.A	Holland Bloorview Kids Rehabilitation Hospital
Autism Treatment Network (ATN) 2011-Toronto Consortium	\$140,000	Q7.N	Holland Bloorview Kids Rehabilitation Hospital
A system-level approach for discovery of phenotype specific genetic variation in ASD	\$29,500	Q2.S.G	Hebrew University

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Neural Correlates of Imitation in Children with Autism and their Unaffected Siblings	\$28,600	Q2.L.B	Harvard University
Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	\$29,500	Q1.L.A	Georgia State University
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	\$149,999	Q1.S.B	Georgia State University
Elucidation and rescue of amygdala abnormalities in the Fmr1 mutant mouse model of fragile X syndrome	\$0	Q2.S.D	George Washington University
Functional Connectivity during Working Memory in Children with ASD: A NIRS Study	\$29,500	Q2.Other	Georgetown University
Foundation Associates agreement (BrainNet)	\$250,000	Q2.S.C	Foundation Associates, LLC
Using Growth Trajectories To Predict Distal Outcomes in Parent-Implemented Intervention for Toddlers	\$29,500	Q4.L.D	Florida State University
Social-pragmatic treatment for adults with autism spectrum disorder: The Interview Skills Curriculum	\$0	Q6.L.A	Florida State University
5-Hydroxymethylcytosine-mediated epigenetic regulation in autism spectrum disorders	\$60,000	Q3.S.J	Emory University
Novel approaches to enhance social cognition by stimulating central oxytocin release	\$119,499	Q4.S.B	Emory University
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$0	Q4.S.B	Duke University
Prenatal PBDE exposure and ASD-related developmental outcomes in the EARLI cohort	\$150,000	Q3.L.C	Drexel University
Prenatal Androgen in Meconium and Early Autism Spectrum Disorder Related Neurodevelopmental Outcomes	\$29,423	Q3.S.H	Drexel University
Early life environmental exposures and autism in an existing Swedish birth cohort	\$0	Q3.S.H	Drexel University
Preference acquisition in children and adolescents with and without autism spectrum disorder	\$0	Q2.Other	Dalhousie University
Molecular analysis of gene-environment interactions in the intestines of children with autism	\$150,000	Q2.S.E	Columbia University
Autism Treatment Network (ATN) 2011- Columbia University	\$25,000	Q7.N	Columbia University
Testing the ribosomal protein S6 as treatment target and biomarker in autism spectrum disorders	\$60,000	Q2.S.D	Cincinnati Childrens Hospital Medical Center
Acamprosate in Youth with Autism Spectrum Disorders	\$149,719	Q4.S.F	Cincinnati Childrens Hospital Medical Center
Autism Treatment Network (ATN) 2011 - Cincinnati Children's Hospital Medical	\$140,000	Q7.N	Cincinnati Children's Hospital Medical Center
The BUFFET Program: Building Up Food Flexibility and Exposure Treatment	\$53,104	Q4.Other	Children's Hospital of Philadelphia
Autism Treatment Network (ATN) 2011- CHOP	\$140,000	Q7.N	Children's Hospital of Philadelphia

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Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	\$140,000	Q7.N	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- University of Colorado Denver	\$140,000	Q7.N	Children's Hospital Colorado
TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	\$141,976	Q2.S.D	Case Western Reserve University
The mechanism of the maternal infection risk factor for autism	\$150,000	Q2.S.A	California Institute of Technology
Single-unit recordings in neurosurgical patients with autism	\$56,900	Q2.S.E	California Institute of Technology
Tuning anxiety out: Exploring the potential of noise cancellation in ASD sound sensitivity	\$0	Q4.S.C	Brunel University
A non-interactive method for teaching noun and verb meanings to young children with ASD	\$58,900	Q4.Other	Boston University
Understanding the etiological significance of attentional disengagement in infants at-risk for ASD	\$49,000	Q2.L.A	Boston Children's Hospital
A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	\$149,967	Q2.S.D	Boston Children's Hospital
Randomized phase 2 trial of RAD001 (an MTOR inhibitor) in patients with tuberous sclerosis complex	\$0	Q4.L.A	Boston Children's Hospital
Preclinical Autism Consortium for Therapeutics (PACT)- Boston Children's Hospital	\$172,009	Q4.S.B	Boston Children's Hospital
Preclinical Autism Consortium for Therapeutics (PACT)- Boston Children's Hospital Site	\$91,174	Q4.S.B	Boston Children's Hospital
The effects of disturbed sleep on sleep-dependent memory consolidation and daily function in individuals with ASD	\$0	Q2.S.E	Beth Israel Deaconess Medical Center
Comparing AMMT vs. Control Therapy in facilitating speech output in nonverbal children with autism	\$0	Q4.S.G	Beth Israel Deaconess Medical Center
Telehealth System to Improve Medication Management of ASD Remotely	\$95,480	Q7.Other	Behavior Imaging Solutions
TMLHE deficiency and a carnitine hypothesis for autism	\$60,000	Q2.S.D	Baylor College of Medicine
Preclinical Autism Consortium for Therapeutics (PACT) at Baylor College of Medicine	\$98,351	Q4.S.B	Baylor College of Medicine
Rat knockout models of ASD	\$0	Q4.S.B	Baylor College of Medicine
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$56,900	Q4.S.B	Baylor College of Medicine
Autism Treatment Network (ATN) 2011- BCM/TCH	\$25,000	Q7.N	Baylor College of Medicine
Baby Siblings Research Consortium	\$2,698	Q1.S.B	Autism Speaks (AS)
Autism Genome Project (AGP)	\$0	Q3.L.B	Autism Speaks (AS)
Bioinformatics support for AGRE	\$263,552	Q7.D	Autism Speaks (AS)

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Autism Tissue Program (ATP)	\$236,009	Q7.D	Autism Speaks (AS)
Autism Genetic Resource Exchange (AGRE)	\$676,333	Q7.D	Autism Speaks (AS)
Autism Treatment Network (ATN)	\$732,883	Q7.N	Autism Speaks (AS)
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$0	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
Resilience Education for Increasing Success in Postsecondary Education	\$67,250	Q6.Other	3-C Institute for Social Development

